

<210> 5502

<211> 

<212> PRT

<213> Bacillus licheniformis

<400> 5502

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Lys Gln Phe Gly Lys Gly Ser Ile Met Lys Leu Gly Glu Gln Thr Glu
      20      25      30
Thr Arg Ile Ser Thr Val Pro Ser Gly Ser Leu Ala Leu Asp Ala Ala
      35      40      45
Leu Gly Val Gly Gly Tyr Pro Arg Gly Arg Ile Ile Glu Val Tyr Gly
      50      55      60
Pro Glu Ser Ser Gly Lys Thr Thr Val Ala Leu His Ala Ile Ala Glu
65      70      75      80
Val Gln Gln Gln Gly Gln Ala Ala Phe Ile Asp Ala Glu His Ala
      85      90      95
Leu Asp Pro Val Tyr Ala Gln Lys Leu Gly Val Asn Ile Asp Glu Leu
      100      105      110
Leu Leu Ser Gln Pro Asp Thr Gly Glu Gln Ala Leu Glu Ile Ala Glu
      115      120      125
Ala Leu Val Arg Ser Gly Ala Val Asp Ile Val Val Ile Asp Ser Val
      130      135      140
Ala Ala Leu Val Pro Lys Ala Glu Ile Glu Gly Asp Met Gly Asp Ser
145      150      155      160
His Val Gly Leu Gln Ala Arg Leu Met Ser Gln Ala Leu Arg Lys Leu
      165      170      175
Ser Gly Ala Ile Asn Lys Ser Lys Thr Ile Ala Ile Phe Ile Asn Gln
      180      185      190
Ile Arg Glu Lys Val Gly Val Met Phe Gly Asn Pro Glu Thr Thr Pro
      195      200      205
Gly Gly Arg Ala Leu Lys Phe Tyr Ser Ser Val Arg Leu Glu Val Arg
      210      215      220
Arg Ala Glu Gln Leu Lys Gln Gly Asn Asp Val Met Gly Asn Lys Thr
225      230      235      240
Lys Ile Lys Val Val Lys Asn Lys Val Ala Pro Pro Phe Arg Thr Ala
      245      250      255
Glu Val Asp Ile Met Tyr Gly Glu Gly Ile Ser Lys Glu Gly Glu Ile
      260      265      270
Ile Asp Leu Gly Thr Glu Leu Asp Ile Val Gln Lys Ser Gly Ala Trp
      275      280      285
Tyr Ser Tyr Gln Glu Glu Arg Leu Gly Gln Gly Arg Glu Asn Ala Lys
      290      295      300
Gln Phe Leu Lys Glu Asn Lys Asp Ile Leu Leu Met Ile Gln Glu Gln
305      310      315      320
Ile Arg Glu His Tyr Gly Leu Asp Thr Gly Gly Ala Ala Pro Ala Gln
      325      330      335
Glu Asp Glu Ala Gln Ala Gln Glu Glu Leu Glu Phe
      340      345
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Provisional Application 60/535,988 sequence 5502 is identical to SEQ ID NO 6016 of US Application number 10/983,128.